Application/Control No.

Applicant(s)/Patent under Reexamination

10/729,688

DEATON ET AL.

Examiner

Dawn Garrett

1774

| 1  | Rejected | - | (Through numeral)<br>Cancelled | • | 1 | Non-Elected  | A | Appeal   |
|----|----------|---|--------------------------------|---|---|--------------|---|----------|
| 11 | Allowed  | ÷ | Restricted                     | ı | ı | Interference | 0 | Objected |

| Claim                                      |                      |  | Date              |               |  | CI   | aim      |                 |          |                    | D        | ate      |         |                       | ]        | Cl           | aim        |                 |          |                    | Dat          | e            |                 | _        |          |
|--|----------------------|--|-------------------|---------------|--|--|----------|-----------------|----------|--------------------|----------|----------|---------|-----------------------|----------|--------------|------------|-----------------|----------|--------------------|--------------|--------------|-----------------|----------|----------|
| _   _                                      | 2/16/06              |  |                   |               | $  \   \  $                                      | _  | 7        |                 |          |                    |          |          |         |                       |          |              | a          | Ī               |          |                    |              |              | ıΓ              |          |          |
| Final                                      | 12/                  |  |                   |               | $  \   \  $                                      | Final  | Original | ,               |          |                    |          |          |         |                       |          | Final        | Original   |                 |          |                    |              |              | iΙ              | - [      |          |
| <u>                                   </u> | 1/2                  |  |                   |               |  | iI   | lő       |                 |          |                    |          |          |         |                       |          | i <u>T</u>   | ő          | - [             |          |                    | 1            |              |                 | - [      |          |
|  | 161                  |  | $\vdash \vdash$   | +             | $\vdash\vdash\vdash$                             | -  | .!       | . 1             | +        | $\sqcup$           | -        | +        | $\perp$ |                       | -        | <u> </u>     |            |                 | -        | +                  | +            | ╀            | $\vdash$        |          | $\dashv$ |
| 2  | 7%                   | +-   | $\vdash$          | -             | +++  | -  | 52       | -               | +        | $\dashv$           | $\dashv$ | +        | +-      | $\vdash$              | $\dashv$ | $\vdash$     | 101<br>102 | -+              | +        | +                  | +-           | ┼-           | $\vdash$        | $\dashv$ | ᅱ        |
| 3  |                      | 1  | $\vdash$          | -             |  | -  | 53       | ;               | +        | $\vdash$           | -        | +        |         |                       | ┨        | -            | 102        | $\dashv$        |          | +                  | +-           | ├            | $\vdash$        | $\dashv$ |          |
| 4  |                      | +  | - -               | +             | ++-  | -  | 54       | -               | +        | $\vdash$           | $\dashv$ | +        | +       | - -                   | $\dashv$ | <u> </u>     | 103        | $\dashv$        | $\dashv$ | +                  | +            | $\vdash$     | $\vdash$        | $\dashv$ | _        |
| 5  |                      | ++   | 1                 | +             |  |  | 55       | -               | +        | Н                  | -        | +        | +-      |                       | ┥        |              | 105        | $\dashv$        | $\dashv$ | +                  | +            | $\vdash$     | $\vdash$        | $\dashv$ | _        |
| 6  |                      | + +-   | $\vdash$          | +             | H  |  | 56       | ;               | +        | Н                  | $\dashv$ | +        | +       |                       | ┨        |              | 106        | $\dashv$        | -        | +                  | +-           | -            | $\vdash$        | $\dashv$ | _        |
| 7  |                      | 1-1-   | $\vdash$          | +             |  |  | 57       | ,               | +        | Н                  | 十        | $\dashv$ | +       |                       | 1        |              | 107        |                 | _        | +                  | +            | $\vdash$     | $\Box$          | $\dashv$ | _        |
| 8  |                      |  |                   | $\neg$        |  |  | 58       | 3               | 1        | П                  | 寸        |          |         |                       | 7        |              | 108        |                 |          | $\top$             | $\top$       |              | П               | ヿ        | _        |
| 9  |                      |  |                   | $\neg \vdash$ |  |  | 59       | 7               | $\top$   | П                  | 寸        |          |         |                       | 1        |              | 109        | $\Box$          |          | $\top$             | 1            | T            | $\sqcap$        | $\neg$   | _        |
| 10   |                      |  |                   |               |  |  | 60       | 7               |          | П                  |          |          | $\top$  |                       | 7        |              | 110        |                 |          | T                  | T            |              | $\Box$          | $\Box$   |          |
| 1  |                      |  |                   |               |  |  | 6        |                 |          |                    |          |          |         |                       |          |              | 111        |                 |          |                    |              |              | $\Box$          | $\Box$   |          |
| 12   | 2                    |  |                   |               |  |  | 62       | 2               |          | Ш                  |          |          |         | $\Box \Box$           | _        |              | 112        |                 |          |                    |              |              | П               | $\Box$   |          |
| 1;   |                      | ullet  |                   |               | $\sqcup \sqcup$                                  | <u> </u>   | 63       | 3               | $\sqcup$ | Ш                  | _        |          | 4       |                       | _        | <u> </u>     | 113        |                 |          | 丄                  | 4            | <u> </u>     | Ш               |          |          |
| 14   |                      | $\sqcup \!\!\! \perp$                            | $\sqcup$          | $\perp$       | $\sqcup\sqcup$                                   | <u> </u>   | 64       | -               | $\perp$  | Щ                  | _        | $\perp$  |         | $\sqcup \!\!\! \perp$ | 4        | <u></u>      | 114        | Щ               |          | 1                  | 4            |              | $\sqcup$        | _        |          |
| 15   | 5                    |  | -                 |               | <del>                                     </del> | 1  | 65       | <u> </u>        |          | $\sqcup$           | _        |          |         | $\vdash \vdash$       | 4        | <u> </u>     | 115        |                 | _        | _                  | -            | -            | ${f \sqcup}$    | $\dashv$ |          |
| 10   |                      |  | -                 |               |  | ļ  | 66       | -               | +-       | $\vdash \vdash$    | $\dashv$ |          |         | $\vdash \vdash$       | 4        |              | 116        | $\vdash \vdash$ | $\dashv$ | $\perp$            | +            | -            | $\vdash \vdash$ | 4        |          |
| 1  |                      | ++   | $\vdash$          | +             |  | -  | 67       |                 | +        | $\vdash$           | -        |          | +-      | -                     | 4        |              | 117        | $\vdash$        | -        | +                  | +-           | ┼            | $\vdash$        | $\dashv$ |          |
| 18   |                      | ++   | $\vdash$          | +.            | $\vdash\vdash$                                   | <del>                                   </del>   | 69       |                 | +        | $\vdash \vdash$    | $\dashv$ | +        | +       | $\vdash\vdash$        | $\dashv$ | $\vdash$     | 118<br>119 | $\vdash$        | $\dashv$ | +                  | +            | ┼            | ⊢⊢              | $\dashv$ |          |
| 19   |                      | +  | $\vdash$          | +             | +  | <del> </del>                                     | 70       |                 | +        | $\vdash \vdash$    | $\dashv$ | +        | +       | ├-                    | 4        | -            | 120        | Н               |          | +                  | +-           | ╁            | -               | $\dashv$ | _        |
| 2  |                      | ++   | $\vdash$          | +             | <del>                                     </del> |  | 7        | <del>/  </del>  | +        | $\vdash \vdash$    | $\dashv$ | +        | +       | $\vdash \vdash$       | ┨        | $\vdash$     | 121        | Н               | $\dashv$ | +                  | ╁            | $\vdash$     | $\vdash \vdash$ | $\dashv$ | _        |
| 2  |                      | +  | - -               | +             | +  | -  | 72       | ;-              | +        | $\vdash$           | $\dashv$ | +        | +       | <del>   -</del>       | $\dashv$ | <del> </del> | 122        | Н               | $\dashv$ | +                  | +            | +-           | $\vdash$        | $\dashv$ | _        |
| 2:   |                      | <del>                                     </del> | +                 | _             | - -  | -  | 7        | <del>-</del>    | +        |                    | $\dashv$ | +        | +       | -                     | -        | -            | 123        | Н               | -        | +                  | +            | +-           |                 | $\dashv$ |          |
| 24   |                      | <del>      -</del>                               | +                 | 1             | +  |  | 7        | $\vdash$        | +        |                    | $\dashv$ | 十        | +       | $\vdash$              | 1        |              | 124        | Н               | $\dashv$ | +                  | +            | 1            |                 | $\dashv$ | _        |
| 2  | 5                    |  | $\vdash$          | $\top$        |  | -  | 7:       | <del>,</del>    | $\top$   | $\vdash$           | $\dashv$ | $\dashv$ | +-      |                       | ┪        |              | 125        | М               | $\dashv$ | $\top$             | $\top$       | $\top$       | $\sqcap$        | $\dashv$ | _        |
| 20   | 6                    |  |                   |               |  |  | 76       | 3               |          | П                  | $\dashv$ | $\top$   | 1       | $\sqcap$              | 1        |              | 126        |                 |          | $\top$             | $\top$       |              | П               | ᅥ        | _        |
| 2  | 7                    |  |                   |               |  |  | 7        | 7               |          |                    |          |          |         |                       |          |              | 127        |                 |          |                    |              |              |                 | $\Box$   | _        |
| 28   |                      |  |                   |               |  |  | 78       | 3               |          |                    |          |          |         |                       |          |              | 128        |                 |          | $oxed{\mathbb{I}}$ | $oxed{\Box}$ |              |                 |          |          |
| 29   |                      |  | $\Box$            |               |  |  | 79       |                 |          | Ш                  | $\Box$   | $\bot$   |         |                       | _        |              | 129        |                 |          |                    |              | $oxed{\Box}$ | Ц               | $\Box$   |          |
| 30   |                      |  | $\sqcup \bot$     | $\bot$        |  |  | 80       |                 |          | Ш                  | _        |          |         |                       | 4        |              | 130        | Ш               |          |                    | 1            |              | Ш               | $\dashv$ | _        |
| 3  |                      | $\perp \perp$                                    | $\sqcup$          | $\perp$       |  | <u> </u>   | 8        |                 | $\perp$  | Щ                  | _        | _        | _       | $oxed{oxed}$          | 4        |              | 131        | Ш               |          | 4                  | $\perp$      | _            | Ш               | _        |          |
| 33   | 2111                 | $\vdash \vdash$                                  | $\vdash$          | +             | $\vdash \vdash$                                  | <del> </del>                                     | 82       | <u> </u>        | $\bot$   | $\sqcup$           | $\dashv$ | _        | 1       | $\vdash \vdash$       | 4        |              | 132        | Ш               | $\perp$  | 4                  | $\bot$       | ╄            | $\sqcup$        | _        |          |
| 3:   | 3 + 1                |  | $\vdash$          | -             |  | <del> </del>                                     | 83       |                 | +        | -                  | $\dashv$ | -        | +       |                       | 4        |              | 133        | Ш               | -        | +                  | +            | +-           | $\vdash$        | $\dashv$ |          |
| 34   | 4 1                  | +  | ╁╼┼               |               | $\vdash$   |  | 84       | <u>!</u>        | +        | $\left  - \right $ | -        | -        | +       | ⊢-                    | -        | -            | 134<br>135 | $\vdash$        | -        | +                  | +            | -            | $\vdash \vdash$ | $\dashv$ |          |
| 3:   | <del>{   -   -</del> | +  | +-+               | +             | $\vdash$   |  | 8        | <del>}  -</del> | +        | $\vdash$           |          | +        | ╅       | ╁╌┼╴                  | $\dashv$ | -            | 135        |                 |          |                    | +-           | +            | $\vdash$        |          | _        |
| 3  |                      | ++-  | <del>     </del>  |               | $\vdash$   | <del>                                     </del> | 8        |                 | +        | $\vdash$           | $\dashv$ | +        | +       | ┼┼┼                   | -        | -            | 137        | $\vdash$        | $\dashv$ |                    | +            | +            | $\vdash$        | $\dashv$ |          |
| 3  | <del>     </del>     | +  | ++                | +             | $\vdash$   | -  | 88       | 1               | +        | $\vdash$           | $\dashv$ | $\dashv$ | +       | $\vdash \vdash$       | $\dashv$ | <b>—</b>     | 138        | $\vdash$        | +        | +                  | +            | +            | $\vdash$        | $\dashv$ |          |
| 3  |                      | ++   | +-+               | $\dashv$      | ++   | <u> </u>   | 89       |                 | +        |                    | $\dashv$ | +        | +       | $\vdash$              | $\dashv$ |              | 139        | $\vdash$        |          | +                  | +            | +            | $\vdash$        | $\dashv$ | _        |
| 40   | <del>5     -</del>   | +  | $\dagger \dagger$ | $\dashv$      | - -  |  | 90       |                 | +-       | $\vdash$           | $\dashv$ | +        | +       | $\vdash \vdash$       | 1        |              | 140        | $\vdash$        |          | +                  | $\top$       | +            | $\sqcap$        | $\dashv$ | _        |
| 4  |                      |  | T                 | $\top$        | 1  |  | 9        |                 | $\top$   | П                  | $\dashv$ | +        | 1       | $\sqcap$              | 1        |              | 141        | П               |          | +                  | $\dagger$    | t            | $\sqcap$        | 一        | _        |
| 4:   | 2                    |  | $\sqcap$          | 丁             |  |  | 92       | 2               |          | П                  | $\dashv$ | $\dashv$ | 1       |                       | 1        |              | 142        | П               | $\neg$   | 1                  | T            | 1            | П               | ヿ        | _        |
| 4:   | 3                    |  |                   |               |  |  | 9:       | 3               |          |                    | 丁        |          | $T^-$   |                       |          |              | 143        |                 |          |                    |              |              | $\Box$          |          | _        |
| 4  | 4                    |  |                   |               |  |  | 94       | -               |          |                    |          |          |         |                       |          |              | 144        |                 |          |                    |              |              | $\Box$          |          | _        |
| 4:   | 5                    |  |                   |               |  |  | 9:       | 5               |          |                    |          |          |         |                       |          |              | 145        |                 |          | 1                  |              |              |                 | 二        | _        |
| 40   |                      |  |                   |               |  |  | 96       |                 |          |                    |          |          |         |                       |          |              | 146        |                 |          |                    |              |              |                 |          |          |
| 4  |                      |  | $\Box$            |               | $\Box\Box$                                       |  | 97       |                 |          |                    |          |          |         |                       |          |              | 147        |                 |          |                    |              |              | $\square$       |          | _        |
| 41   |                      | $\sqcup \bot$                                    |                   |               | $\sqcup \bot$                                    |  | 98       | 3               |          | $\Box$             |          | $\bot$   |         |                       | _        |              | 148        |                 |          | Ţ                  |              |              | Ш               | $\Box$   |          |
| 49   | 9                    |  |                   | _             |  |  | 99       |                 | $\perp$  | $\sqcup$           |          |          | 4_      |                       | _        |              | 149        | Ш               |          |                    | $\perp$      |              | Ш               | $\Box$   |          |
| 50   |                      | 1  |                   | _             |  |  | 10       | 0               |          |                    |          |          |         |                       | ╝        |              | 150        | L               |          |                    |              | l .          |                 |          |          |